

WAT

<b>Notice of Allowability</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	10/055,854	MAHONEY, JEROME R.	
	<b>Examiner</b>	<b>Art Unit</b>	
	Charles Chow	2685	

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 9/27/2004.
2. ☒ The allowed claim(s) is/are 41-56.
3. ☒ The drawings filed on 26 January 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a) ☐ All    b) ☐ Some\*    c) ☐ None    of the:
    1. ☐ Certified copies of the priority documents have been received.
    2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
  6. ☐ CORRECTED DRAWINGS ( as "replacement sheets") must be submitted.
    - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review ( PTO-948) attached
      - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
    - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

- |   |  |
|---|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892)  | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152)            |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                | 6. <input type="checkbox"/> Interview Summary (PTO-413),<br>Paper No./Mail Date _____. |
| 3. <input type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),<br>Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment                               |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit<br>of Biological Material          | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance   |
|   | 9. <input type="checkbox"/> Other _____.   |

**Detailed Action**

***Allowable Subject Matter***

1. The following is an examiner's statement of reasons for allowance:

This application case is a Continuation-in-Part of the issuing application **09/767,448 (US 6,563,911)** which has different claimed features (independent claims 1, 6, 15).

Applicant has canceled claims 1-40 and adding new claims 41-56, with allowable features in independent claims 41, 49, which is different from the claims in 09/767,448, with the claimed features of: "which consist of"; "to be performed in sequential order"; **wherein the software including the following functional capability: (vi) to prompt a user to speak a phone number when a voice inputted name does not match available name-telephone number data and (vii) to convert voice inputted telephone numbers into signals for automatic dialing.**

Claims 41-56 are allowable over the prior art of record, the prior art fails to teach singly, particularly, or in combination, the subject matter for the speech enabled automatic name dialer dialing system for connection to a telephone system utilizing a user computer having computer based address book program for retrieval of name-telephone number data therefrom and for creation therefrom of speech enabling phoneme sets for auto dialing by speaking a name utilizing telephone application programming interface, for use with telephones with private branch exchanges, which consist of: at least one user computer having a microphone and a speaker; a **telephone application programming interface TAPI in user computer**; memory within user computer for storing, managing supporting name-telephone number data; software contained within said user computer having at least the

**following functional capability, to be performed in sequential order:** (i) accessing said at name-telephone number data contained within said at least one user computer (ii) **creating converted phonemes from names** of said name-telephone number data (iii) receiving voice inputs from microphone connected to said user computer (iv) **matching phonemes** and said voice inputs to retrieve specific name-telephone number data for initiating an automatic dialing thereof: and (v) signaling to a router and to private branch exchange to initiate a dialing and to effect a telephone call within a telephone system wherein the software including the following functional capability **to be performed in sequential order:** (vi) **prompt a user to speak a phone number when a voice inputted name does not match available name-telephone number data** and (vii) **to convert voice inputted telephone numbers into signals for automatic dialing**, as shown in independent claims 41, 49. The dependent claims are also allowable due to their dependency upon the independent claims. The closest patent to **Chan et al. (US 5,912,949)** teaches closely upon the claimed features as shown in abstract, Fig. 1 summary of invention, Fig. 2-3) for the speech name input automatic dialing, to prompt user to re-speak name, or re-entered initial (steps in Fig. 1). Chan fails to teach the **prompt user to speak telephone number when name does not match available name-telephone number data**.

**Barber (US 6,198,947 B1)** teaches a different keypad, voice, entering system for the voice activated vehicular telephone system, having claimed features for the after user entered first key, playing a voice prompt requesting user to speak a telephone number, and the detecting of the entering of a second key for prompting user to speak name of a stored audio label associated with a stored telephone number to be dialed (col. 37, lines 31-45). Barber's

prompting user to speak a telephone number is tied to the first, second key entry process activation.

Other prior arts in below has been considered, but they fail to teach the above claimed features.

**Tatchell et al. (US 5,905,774)** teaches the selected telephone number is from groups associated with home, office, fax, cell (Fig. 5b) for the voice dialing based on the spoken name in contact data base (Fig. 5b; col. 13, lines 3-17; col. 19, lines 40-44, abstract), the personal agent enables subscribers to manage outgoing calls using commands from speech (col. 7, lines 12-16) at different locations (col. 7, lines 2 to 10).

**Will (US 5,917,891)** teaches the prompting user to select one telephone number from the a group set, and then, initiating a telephone call to the selected number (col. 22, lines 30-33; col. 25, lines 14-15), the no more names (Fig. 2), the process moves to step 260-"who do you want to call ?" (Fig. 2); the if not name found, the process moves to step 215-"user has spoken ?".

**Engelbeck et al. (US 5,452,340)** teaches the creating new entry by voice input [Fig. 4, modify add, step 90, "please speak the name", step 96, "please repeat the name again", step 128, name added, Fig. 6 add, step 170, "please speak name you wish to add"], the user can add, change, name/telephone in the directory (abstract, Fig. 3-4; col. 1, lines 6-8).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Art Unit: 2685

*Conclusion*

2. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Charles Chow whose telephone number is (703)-306-5615.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Edward Urban, can be reached at (703)-305-4385.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

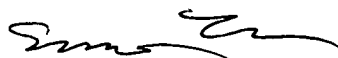
or faxed to: (703) 872-9306 (for Technology Center 2600 only)

Hand-delivered responses should be brought to 220 South 20th Street, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202 (Customer Window).

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office whose telephone number is (703) 306-0377.

Charles Chow *C.C.*

March 8, 2005.

  
EDWARD F. URBAN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600